Stream Quality Assessment Form

			are Cour	ity Soil and Water Conservat	IOH DISCHEL	
LUCATION JOAN	~1612	l'and land		Sample # Date <u>역 / 21/27</u> Time		
Monitoring Croup	10\	WISHIP/ City WILLIAM	Cm /	Date <u>A. J. Z.I. o. (</u> . Hilli	e <u>/4.9</u> 0 (
Or Individual	Gran	+ Eleventary	/	No. of Participants_	7	
Riffle Structure		Chemical Analysis		Coliform sample taken?		
Width of Riffle		Dissolved O ₂		Yes No #		
Water Depth		Acidity (pH)	*******		-	
Water Temp°C or _	°F	Salinity (Ci)		Results		
		Ammonia				
1 _	-	must add up to 100%				
SILT SAND		GRAVEL C	OBBLE:	BOULDERS (>10")		
		(1/4"-2")	2″-10″)	(>10")		
Descriptions of Water	v Candit	i.a.a.		······································		
Descriptions of Wate		ions: Specia	al Notes	5:		
Clear, no od	o/					
MACROINV	/ERTEB	RATE TALLY	Estin	nated Count A= 1 to	9	
		W TO A COME OF W TO SHAN BLAN E	B= 10 to 99			
				C= 100 (ı	
GROUP 1 TAXA	LTR.	GROUP 2 TAXA	LTR	GROUP 3 TAXA	LTR.	
	Code		Code		Code	
Water Penny Larvae		Damselfly Nymphs		Blackfly Larvae	A	
Mayfly Nymphs	A	Dragonfly Nymphs		Aquatic Worms	$\perp A \perp$	
Stonefly Nymphs		Cranefly Larvae	A	Midge Larvae	A	
Dobsonfly Larvae	B	Beetle Larvae	A	Pouch Snails	B-1000000000	
Caddisfly Larvae	5	Crayfish		Leeches		
Riffle Beetle Adult	A	Scuds				
Gill Snails — (open right)	erentum.	Clams				
NUINADED OF TAXA		Sow Bugs				
NUMBER OF TAXA	5	NUMBER OF TAXA	7	NUMBER OF TAXA		
/TIMEC) INITIEV VALUE		(TIMEC) thus = \(\(\in\) - \(\in\)	2	(3	
(TIMES) INDEX VALUE	15	(TIMES) INDEX VALUE	4	(TIMES) INDEX	3	
Cumulative		2	1	VALUE 1		
Index		!		Quality Assessment		
Value	2)	Excellent (> 2	2)	(Good (17-22))		
		Fair (11-16)		Poor (<11)		
Please Send this form to: Lake County Soil and Water						
	5 	Conservation Dis		phot		
		125 East Erie St.	· - •			
		Painesville OH	44077			

County LAKE Monitoring Group	Tov	•	1	Sample # Date <u>9 /21 / 07</u> TimeNo. of Participants	11:00 AA	
Riffle Structure Width of Riffle Water Depth		Chemical Analysis Dissolved O ₂ Acidity (pH)		Coliform sample taken? Yes No #		
Water Temp°C or _	°F	Salinity (CI)	_	Results		
Pad Composition of	Difflo /	Ammonia	-			
SILT SAND		must add up to 100%) GRAVEL (1/4"-2") (2		BOULDERS (>10")		
Descriptions of Wate	r Condit	ions: Special	Notes	<u> </u>	*	
				•	c'	
MACROTNIA	EDTER	RATE TALLY	Fetim	ated Count A= 1 to 9		
MACKOIN	EKIED	KAIE IALLI	ESCHI	B= 10 to 9	99	
				C= 100 or		
GROUP 1 TAXA	LTR.	GROUP 2 TAXA	LTR	GROUP 3 TAXA	LTR.	
	Code		Code		Code	
Water Penny Larvae	13	Damselfly Nymphs		Blackfly Larvae	romar	
Mayfly Nymphs	A	Dragonfly Nymphs		Aquatic Worms	A	
Stonefly Nymphs		Cranefly Larvae		Midge Larvae	A	
Dobsonfly Larvae	A	Beetle Larvae	A	Pouch Snails	graphic and	
Caddisfly Larvae	B	Crayfish		Leeches	,	
Riffle Beetle Adult	A	Scuds				
Gill Snails — (open right)		Clams	pared.			
	····	Sow Bugs				
NUMBER OF TAXA	5	NUMBER OF TAXA	*	NUMBER OF TAXA	2	
(TIMES) INDEX VALUE 3	15	(TIMES) INDEX VALUE 2	Z	(TIMES) INDEX VALUE 1	-2	
Cumulative		Str	eam Ç	uality Assessment		
Index	1 -7	Excellent (> 22	_	The state of the s		
Value	M	Fair (11-16)	,	Poor (<11)		
Please Send this f	orm to:	Lake County Soil a	and Wat	er		
		Conservation Distr				
		125 East Erie St.				
		Painesville OH	44077			

Location Daniel's County LAKE Monitoring Group	Park Tov	vnship/City Willough	by c	Sample # Date <u>9 /2/ /07</u> Time No. of Participants_	10:00 A	
Riffle Structure Width of Riffle				Coliform sample taken? Yes No #		
Water Depth°C or (€ °F	Salinity (CI)	_	Results		
Bed Composition of	Riffle (r	nust add up to 100%)				
SILT SAND		GRAVEL (1/4"-2") CO (2"	BBLES "-10")	BOULDERS (>10")		
Descriptions of Wate	r Condit	ions: Special	Notes	T Y		
Clear, No od						
					:	
MACDOTAN	COTED	DATE TALLY	Ectim	ated Count A= 1 to 9	<u> </u>	
MACROINV	CKIEB	RATE TALLY	B= 10 to 99			
				C= 100 o		
GROUP 1 TAXA	LTR.	GROUP 2 TAXA	LTR	GROUP 3 TAXA	LTR.	
	Code		Code		Code	
Water Penny Larvae	A	Damselfly Nymphs	A	Blackfly Larvae	A	
Mayfly Nymphs	A	Dragonfly Nymphs		Aquatic Worms	$\perp A$	
Stonefly Nymphs		Cranefly Larvae	A	Midge Larvae	A	
Dobsonfly Larvae	A	Beetle Larvae	A	Pouch Snails	goponia.	
Caddisfly Larvae	\mathcal{B}	Crayfish		Leeches	Soldenson.	
Riffle Beetle Adult	A	Scuds				
Gill Snails — (open right)		Clams	*********			
		Sow Bugs	g			
NUMBER OF TAXA	5	NUMBER OF TAXA	3	NUMBER OF TAXA	3	
(TIMES) INDEX VALUE 3	15	(TIMES) INDEX VALUE 2	6	(TIMES) INDEX VALUE 1	-3	
Cumulative		Str	eam (uality Assessment		
Index .	7//	Excellent (> 22	~~	Good (17-22)		
Value	24/	Fair (11-16)		Poor (<11)		
Please Send this	form to:	Lake County Soil a	and Mat	ter		
Conservation District						
		125 East Erie St.	100			
			44077			
		Painesville OH	44077			



River Mile 4.9.* Location 5.0. County Lake Monitoring Group Or Individual 6.0.	Tov	vnship/City	Megkb	<u>-/</u>	Sample # Date <u>9 /21 /07</u> Time No. of Participants	151.60	
Riffle Structure Width of Riffle Water Depth Water Temp°C or 68 °F		Dissolved O ₂ Acidity (pH) Salinity (CI)	Chemical Analysis Dissolved O ₂ Acidity (pH) Salinity (Cl) Ammonia		Coliform sample taken? Yes No # Results		
Bed Composition of SILT SAND	Riffle (r	nust add up to			BOULDERS (>10")		
Descriptions of Water Conditions: Special Notes:							
MACROINVERTEBRATE TALLY				Estimated Count A= 1 to 9 B= 10 to 99 C= 100 or more			
GROUP 1 TAXA	LTR. Code	GROUP 2	ГАХА	LTR Code	GROUP 3 TAXA	LTR. Code	
Water Penny Larvae	A	Damselfly Nym			Blackfly Larvae	14	
Mayfly Nymphs Stonefly Nymphs	S	Dragonfly Nym Cranefly Larvae	<u>, </u>		Aquatic Worms	1 A	
Dobsonfly Larvae	Service .	Beetle Larvae	- }	jamen,	Midge Larvae Pouch Snails		
Caddisfly Larvae		Crayfish			Leeches	hepath promoted degrees.	
Riffle Beetle Adult)	Scuds		No. e i marron	LOCOTICS		
Gill Snails — (open right)	No.	Clams	······································				
		Sow Bugs		A			
NUMBER OF TAXA		NUMBER OF	TAXA	*2	NUMBER OF TAXA	3	
(TIMES) INDEX VALUE 3		(TIMES) INDEX	(VALUE	G	(TIMES) INDEX VALUE 1	3	
Cumulative Stream Quality Assessment							
Index			nt (> 22)	Good (17-22)		
Value	<i>/</i> \	Fair (11	•	,	Poor (<11)		
Please Send this	Please Send this form to: Lake County Soil and Water						
•		Conserva	ation Distr				
		125 East					
		Painesv	ille OH	<u>44077</u>			

County Lake	Tow	nship/City <u>Willerck.h.</u>	<u>-)</u> [Sample # Pate <u>A/21/60</u> Time <u>/</u> No. of Participants	<u> </u>			
Riffle Structure Width of Riffle Water Depth Water Temp °C or _		Chemical Analysis Dissolved O ₂ Acidity (pH)	-	Coliform sample taken? Yes No #				
Water Temp°C or _	<u>) </u>	Salinity (CI) Ammonia		Results				
		nust add up to 100%) GRAVEL CC		BOULDERS (>10")				
Descriptions of Wate	r Condit	ions: Special	Notes					
MACROINVERTEBRATE TALLY Estim				ated Count A= 1 to 9 B= 10 to 9 C= 100 or				
GROUP 1 TAXA	LTR. Code	GROUP 2 TAXA	LTR Code	GROUP 3 TAXA	LTR. Code			
Water Penny Larvae	A	Damselfly Nymphs	*****	Blackfly Larvae	,,,,,,,,,,			
Mayfly Nymphs	B	Dragonfly Nymphs	- the same at the same	Aquatic Worms	,,,,,,,,			
Stonefly Nymphs	and the same of th	Cranefly Larvae	A_{i}	Midge Larvae	<u> </u>			
Dobsonfly Larvae	A	Beetle Larvae	A	Pouch Snails				
Caddisfly Larvae	C	Crayfish		Leeches				
Riffle Beetle Adult	A	Scuds						
Gill Snails — (open right)		Clams						
		Sow Bugs	ال والمحادث					
NUMBER OF TAXA	5	NUMBER OF TAXA	2	NUMBER OF TAXA	1			
(TIMES) INDEX VALUE 3	15	(TIMES) INDEX VALUE 2		(TIMES) INDEX VALUE 1	l			
Cumulative		St	ream (Quality Assessment				
Index ,	20	Excellent (> 22	2)	Good (17-22)				
Value	<i>30</i>	Fair (11-16)	,	Poor (<11)				
Please Send this form to: Lake County Soil and Water								
Conservation District								
		125 East Erie St.						
Painesville OH 44077								

River Mile 41.9 Stream Charles Location Davids and				Sample #		
County 1 / / c	Tow	vnship/City <u>w. Hare / Li</u>	[)ate <u> </u>	10'.00	
Monitoring Group Or Individual <u>Geom</u>	Class	<u>, Coliki</u>		No. of Participants		
Riffle Structure Width of Riffle		Chemical Analysis Dissolved O ₂ Acidity (pH)		Coliform sample taken? Yes No #		
Water Depth°C or	°F	Acidity (pH) & Salinity (Cl) Ammonia	-	Results		
Bed Composition of I	Riffle (r	nust add up to 100%)				
SILT SAND		GRAVEL CO (2'	BBLES '-10")	BOULDERS (>10")		
Descriptions of Wate	r Condit	ions: Special	Notes			
•		•				
MACROINV	ERTEB	RATE TALLY	Estim	ated Count A= 1 to 9		
PIACIOLITA EN LEGICA I E IACET			B= 10 to 99			
		r		C= 100 or		
GROUP 1 TAXA	LTR. Code	GROUP 2 TAXA	LTR Code	GROUP 3 TAXA	LTR. Code	
Water Penny Larvae	A	Damselfly Nymphs	A	Blackfly Larvae	Z)	
Mayfly Nymphs		Dragonfly Nymphs	**********	Aquatic Worms	A	
Stonefly Nymphs	\$14	Cranefly Larvae		Midge Larvae	******	
Dobsonfly Larvae	A	Beetle Larvae	A	Pouch Snails	A	
Caddisfly Larvae	C	Crayfish		Leeches	Arrento, agree	
Riffle Beetle Adult	A	Scuds				
Gill Snails — (open right)	beamings,	Clams				
		Sow Bugs	A			
NUMBER OF TAXA	S	NUMBER OF TAXA	3	NUMBER OF TAXA	3	
(TIMES) INDEX VALUE 3	15	(TIMES) INDEX VALUE 2	6	(TIMES) INDEX VALUE 1	3	
Cumulative		Str	eam, C	Quality Assessment		
Index	. { }	Excellent (> 22		Good (17-22)		
Value	THE DAY FRANCE	Fair (11-16)	fer	Poor (<11)		
Please Send this f	form to:	Lake County Soil a	and Wat	ter		
		Conservation Dist				
		125 East Erie St.				
		Painesville OH	44077			

Stream Quality Assessment Form

(har)

'ation District Lake County Soil and Water Co. Sample # Stream (River Mile Location Daniels Par loughby Date 9/21/07 Time 12:1 Township/City_ County Lake Monitoring Group Or Individual Grant Elemen Magloskwo, of Participants **Chemical Analysis** Coliform sample taken? Riffle Structure
Width of Riffle Yes ☐ No ☐ # 🌯 Dissolved O₂ Water Depth la in UN Acidity (pH)_____ Water Temp ____°C or ____°F Results Salinity (CI) _ Ammonia Bed Composition of Riffle (must add up to 100%) GRAVEL 166 BOULDERS SAND COBBLES (1/4''-2'')(2''-10'')(>10'')**Descriptions of Water Conditions:** Special Notes: Clear color 1655 Estimated Count A = 1 to 9MACROINVERTEBRATE TALLY B = 10 to 99C= 100 or more LTR. LTR **GROUP 3 TAXA** LTR. **GROUP 2 TAXA** GROUP 1 TAXA Code Code Code Blackfly Larvae Damselfly Nymphs Water Penny Larvae Aquatic Worms Dragonfly Nymphs Mayfly Nymphs Midge Larvae Cranefly Larvae Stonefly Nymphs Pouch Snails Beetle Larvae Dobsonfly Larvae Leeches Crayfish Caddisfly Larvae Scuds Riffle Beetle Adult Clams Gill Snails - (open right) Sow Bugs NUMBER OF TAXA NUMBER OF TAXA NUMBER OF TAXA (TIMES) INDEX (TIMES) INDEX VALUE (TIMES) INDEX VALUE VALUE 1 Stream Quality Assessment Cumulative Good (17-22) Excellent (> 22) Index Value Poor (<11) Fair (11-16) Lake County Soil and Water Please Send this form to: Conservation District 125 East Erie St. Painesville OH 44077

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Stream Quality Assessment Form

Lake County Soil and Water Conservation District Location Daniel's Park

County Lake Township/City Willoughby Date 9/21/07 Time 10 Monitoring Group Or Individual 57001 Solik _____No. of Participants_____ Riffle Structure Width of Riffle 50 Chemical Analysis Coliform sample taken? Dissolved O₂ Yes No Water Depth____ Water Temp ____°C or ____°F Acidity (pH) Salinity (CI) Results Ammonia Ressthan I PPM Bed Composition of Riffle (must add up to 100%) — BOULDERS SILT SAND GRAVEL COBBLES ((2"-10") (1/4''-2'')(>10") **Descriptions of Water Conditions:** Special Notes: Clear and color lass no odor **Estimated Count** A= 1 to 9 MACROINVERTEBRATE TALLY B = 10 to 99C= 100 or more LTR. GROUP 1 TAXA GROUP 2 TAXA LTR **GROUP 3 TAXA** LTR. Code Code Code Water Penny Larvae Damselfly Nymphs Blackfly Larvae Mayfly Nymphs Dragonfly Nymphs Aquatic Worms 🔑 Stonefly Nymphs Cranefly Larvae Midge Larvae Dobsonfly Larvae Beetle Larvae Pouch Snails Crayfish Caddisfly Larvae Leeches Scuds Riffle Beetle Adult Gill Snails - (open right) . Clams Sow Bugs NUMBER OF TAXA NUMBER OF TAXA NUMBER OF TAXA 2 1 (TIMES) INDEX VALUE (TIMES) INDEX VALUE (TIMES) INDEX 4 VALUE 1 Cumulative Stream Quality Assessment Index Excellent (> 22) Good (17-22) 1Ö Value Fair (11-16) Poor (<11) Please Send this form to: Lake County Soil and Water Conservation District 125 East Erie St. Painesville OH 44077

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Stream Quality Assessment Form

Lake County Soil and Water Conservation District Stream haar River Mile Location Daniels Park __ Township/CityWilloughby Date 9/21/07 Time 11:15 County Lake Monitoring Group _____No. of Participants_5Or Individual Grant Riffle Structure **Chemical Analysis** Coliform sample taken? Width of Riffle 50 FH Dissolved O₂ Water Depth Conches Acidity (pH)_____ Water Temp ___°C or ___°F Salinity (CI) Results Ammonia < 1 PPM Bed Composition of Riffle (must add up to 100%) SAND GRAVEL COBBLES - BOULDERS (1/4''-2'')(2"-10") **Descriptions of Water Conditions: Special Notes:** odoer less -ong nose colorless clear Sace, **Estimated Count** MACROINVERTEBRATE TALLY A=1 to 9B = 10 to 99C= 100 or more GROUP 1 TAXA LTR. **GROUP 2 TAXA** LTR **GROUP 3 TAXA** LTR. Code Code Code Water Penny Larvae Damselfly Nymphs Blackfly Larvae Mayfly Nymphs Dragonfly Nymphs Aquatic Worms Stonefly Nymphs Cranefly Larvae Midge Larvae Dobsonfly Larvae Beetle Larvae Pouch Snails Caddisfly Larvae Crayfish Leeches Riffle Beetle Adult Scuds Gill Snails - (open right) Clams Sow Buas NUMBER OF TAXA NUMBER OF TAXA NUMBER OF TAXA (TIMES) INDEX VALUE (TIMES) INDEX VALUE (TIMES) INDEX VALUE 1 Cumulative Stream Quality Assessment Index Excellent (> 22) Good (17-22) Value Fair (11-16) Poor (<11) Please Send this form to: Lake County Soil and Water Conservation District 125 East Erie St. Painesville OH 44077